

L Number	Hits	Search Text	DB	Time stamp
1	122	((((alpha adj \$olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and (mix or mixture or blend)	USPAT; US-PGPUB	2003/12/11 09:33
2	1	6586536.pn. and (mix or mixture or blend)	USPAT; US-PGPUB	2003/12/11 09:33
-	109	propylene\$3hex\$1ne adj \$2polymer	USPAT; US-PGPUB	2003/08/05 10:10
-	9	(propylene\$3hex\$1ne adj \$2polymer) and softening adj temperature	USPAT; US-PGPUB	2003/02/20 15:39
-	1	UT adj "2175"	USPAT; US-PGPUB	2003/02/21 14:04
-	10	clearon adj p105	USPAT; US-PGPUB	2003/02/21 14:04
-	7	(clearon adj p105) and softening	USPAT; US-PGPUB	2003/02/21 14:07
-	1	("20010031670").PN.	USPAT; US-PGPUB	2003/02/21 14:07
-	2	ep-442045-\$.did.	USPAT; US-PGPUB; EPO; DERWENT	2003/02/23 11:17
-	3	vestoplast adj "704"	USPAT; US-PGPUB; EPO; DERWENT	2003/02/23 11:18
-	2	((("5763333") or ("5241014")) .PN.	USPAT; US-PGPUB	2003/06/19 14:02
-	1	5763333.pn. and softener	USPAT; US-PGPUB	2003/06/19 17:06
-	0	5763333.pn. and sprayable	USPAT; US-PGPUB	2003/06/19 17:06
-	0	5763333.pn. and spray	USPAT; US-PGPUB	2003/06/19 17:28
-	1	5021257.pn. and tackifier	USPAT; US-PGPUB	2003/06/19 17:28
-	908	((524/491) or (156/334)).CCLS.	USPAT; US-PGPUB	2003/08/05 11:38
-	501	((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)	USPAT; US-PGPUB	2003/08/05 10:13
-	329	((((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)) and viscosity	USPAT; US-PGPUB	2003/08/05 10:14
-	139	(((((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)) and viscosity) and softening	USPAT; US-PGPUB	2003/08/05 10:15
-	91	(((((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)) and viscosity) and softening) and (polyalphaolefin or alphaolefin or \$7olefin)	USPAT; US-PGPUB	2003/08/05 10:58
-	114	((524/491) or (156/334)).CCLS.) and mixture with (polyalphaolefin or alphaolefin or \$7olefin)	USPAT; US-PGPUB	2003/08/05 10:46
-	1	((524/491) or (156/334)).CCLS.) and mixture with (polyalphaolefin or alphaolefin or ".alpha.-olefin" or APAO)	USPAT; US-PGPUB	2003/08/05 10:47
-	4	((524/491) or (156/334)).CCLS.) and blend with (polyalphaolefin or alphaolefin or ".alpha.-olefin" or ".alpha.-olefins" or APAO)	USPAT; US-PGPUB	2003/08/05 10:59
-	25	((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ".alpha.-olefin" or ".alpha.-olefins" or APAO)	USPAT; US-PGPUB	2003/08/05 11:31
-	1	("4460728").PN.	USPAT; US-PGPUB	2003/08/05 11:00
-	103	((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ".alpha.-olefin" or ".alpha.-olefins" or APAO or amorphous)	USPAT; US-PGPUB	2003/08/05 15:13

	83	((((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ".alpha.-olefin" or ".alpha.-olefins" or APAO or amorphous)) and viscosity	USPAT; US-PGPUB	2003/08/05 11:32
	75	((((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)) and (((((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ".alpha.-olefin" or ".alpha.-olefins" or APAO or amorphous)) and viscosity)	USPAT; US-PGPUB	2003/08/05 11:32
	365	((524/491) or (156/334)).CCLS.	USOCR	2003/08/05 11:38
	218	((((524/491) or (156/334)).CCLS.) and viscosity	USOCR	2003/08/05 11:39
	67	((((524/491) or (156/334)).CCLS.) and viscosity) and softening	USOCR	2003/08/05 11:39
	103	((((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ?alpha\$1olefin\$1 or APAO or amorphous)	USPAT; US-PGPUB	2003/08/05 15:14
	103	((((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)	USPAT; US-PGPUB	2003/08/05 15:27
	63	((((524/491) or (156/334)).CCLS.) and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) not (((((524/491) or (156/334)).CCLS.) and (@rlad<19981231 or @ad<19981231)) and viscosity) and softening)	USPAT; US-PGPUB	2003/08/05 15:17
	29766	viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)	USPAT; US-PGPUB	2003/08/05 15:28
	9156	(viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive	USPAT; US-PGPUB	2003/08/05 15:27
	1493	((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity	USPAT; US-PGPUB	2003/08/05 15:27
	668	((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening	USPAT; US-PGPUB	2003/08/05 15:28
	180	((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)	USPAT; US-PGPUB	2003/08/06 08:57
	1	("5397843").PN.	USPAT; US-PGPUB	2003/08/05 17:11
	1	5397843.pn. and softening	USPAT; US-PGPUB	2003/08/06 08:45
	801	amorphous adj polypropylene	USPAT; US-PGPUB	2003/08/06 08:50
	261	(amorphous adj polypropylene) and softening adj (point or temperature)	USPAT; US-PGPUB	2003/08/06 08:46
	178	((amorphous adj polypropylene) and softening adj (point or temperature)) and ethylene near2 copolymer	USPAT; US-PGPUB	2003/08/06 08:47
	36	amorphous adj polypropylene with softening adj (point or temperature)	USPAT; US-PGPUB	2003/08/06 08:51
	78	((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and ring near1 ball) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)	USPAT; US-PGPUB	2003/08/06 08:58

	180	((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))	USPAT; US-PGPUB	2003/08/06 10:59
	0	((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)). and adhesive) and melt adj viscosity) and ring near1 ball) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) not (((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))	USPAT; US-PGPUB	2003/08/06 08:58
	10	((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))	USOCR.	2003/08/06 11:13
	22810	alpha adj \$1olefin	USPAT; US-PGPUB	2003/12/10 08:04
	12831	(alpha adj \$1olefin) and viscosity	USPAT; US-PGPUB	2003/08/06 11:12
	1544	((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point).	USPAT; US-PGPUB	2003/08/06 11:12
	525	((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity	USPAT; US-PGPUB	2003/08/06 11:12
	520	((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture)	USPAT; US-PGPUB	2003/08/06 11:13
	218	((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha	USPAT; US-PGPUB	2003/08/06 11:14
	179	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))	USPAT; US-PGPUB	2003/08/06 11:14
	63	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and (blend or mixture).ab,ti.	USPAT; US-PGPUB	2003/08/06 11:14

-	51	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and (alpha).ab,ti.	USPAT; US-PGPUB	2003/08/06 11:14
-	14	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and (blend or mixture).ab,ti.) and ((((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and (alpha).ab,ti.)	USPAT; US-PGPUB	2003/08/06 11:15
-	97	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and (alpha).ab,ti.)	USPAT; US-PGPUB	2003/08/06 11:15
-	50	(((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and adhesive	USPAT; US-PGPUB	2003/08/06 11:16
-	23913	((((((alpha adj \$1olefin) and viscosity) and softening adj (temperature or point)) and melt adj viscosity) and (blend or mixture) with alpha) not (((((viscosity and (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous)) and adhesive) and melt adj viscosity) and softening) and (blend or mixture) with (polyalphaolefin or alphaolefin or ?alpha\$2olefin\$1 or APAO or amorphous))) and adhesive) and (blend or blended or mixture or alpha).ti,ab.	USPAT; US-PGPUB	2003/12/10 08:04
-	1706	alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin	USPAT; US-PGPUB	2003/12/10 08:58
-	223	(alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)	USPAT; US-PGPUB	2003/12/10 08:58
-	123	((alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)	USPAT; US-PGPUB	2003/12/11 09:16
-	122674	((alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp) amorphous	USPAT; US-PGPUB	2003/12/10 08:58
-	10804	amorphous and (needle or NP)	USPAT; US-PGPUB	2003/12/10 08:58

-	825	((amorphous and (needle or NP)) and (melt adj viscosity or MV))	USPAT; US-PGPUB	2003/12/10 08:58
-	287	((amorphous and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp))	USPAT; US-PGPUB	2003/12/10 08:58
-	117	((((amorphous and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and (needle adj penetration or NP))	USPAT; US-PGPUB	2003/12/10 09:23
-	57	((((amorphous and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and (needle adj penetration or NP)) and adhesive)	USPAT; US-PGPUB	2003/12/10 08:59
-	88	((((alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and adhesive)	USPAT; US-PGPUB	2003/12/10 08:59
-	17	(((((alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and adhesive) and (needle adj penetration or NP)	USPAT; US-PGPUB	2003/12/10 09:31
-	26	dmm near2 millimeter	USPAT; US-PGPUB	2003/12/10 09:53
-	42	(((((amorphous and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and (needle adj penetration or NP)) and adhesive) not (((((alpha adj \$1olefin or alpha?olefin or poly?alpha?olefin) and (needle or NP)) and (melt adj viscosity or MV)) and (softening or sp)) and adhesive) and (needle adj penetration or NP))	USPAT; US-PGPUB	2003/12/10 09:54